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#3



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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/876,790

DATE: 09/10/2002

TIME: 14:47:16

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3 <110> APPLICANT: SIMS, John E.
 4 SMITH, Dirk E.
 5 BORN, Teresa L.
 7 <120> TITLE OF INVENTION: IL-1 ZETA, IL-1 ZETA SPLICE VARIANTS AND XREC2 DNAS AND
 POLYPEPTIDES
 9 <130> FILE REFERENCE: 2008-US
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/876,790
 C--> 12 <141> CURRENT FILING DATE: 2002-09-04
 14 <150> PRIOR APPLICATION NUMBER: 60/112,163
 15 <151> PRIOR FILING DATE: 1998-12-14
 17 <150> PRIOR APPLICATION NUMBER: 60/146,675
 18 <151> PRIOR FILING DATE: 1999-11-10
 20 <150> PRIOR APPLICATION NUMBER: PCT/US99/29549
 21 <151> PRIOR FILING DATE: 1999-12-14
 23 <160> NUMBER OF SEQ ID NOS: 15
 25 <170> SOFTWARE: PatentIn version 3.1
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 28 <211> LENGTH: 579
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Homo sapiens
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 43 ggacaaagtc atccatccct tcagctgaag aaggagaaac tgatgaagct ggctgccccaa 360
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 47 ctggagtcgg cggctcacc cggatggttc atctgcacct cctgcaattg taatgagcct 480
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86 gactctgcta atctaacctg cagagctttc tttgggtaca gcggagatgt cagtccttta 840
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143 20 25 30
146 Lys Phe Ser Ile His Asp Gln Asp His Lys Val Leu Val Leu Asp Ser
147 35 40 45
150 Gly Asn Leu Ile Ala Val Pro Asp Lys Asn Tyr Ile Arg Pro Glu Ile
151 50 55 60
154 Phe Phe Ala Leu Ala Ser Ser Leu Ser Ser Ala Ser Ala Glu Lys Gly
155 65 70 75 80
158 Ser Pro Ile Leu Leu Gly Val Ser Lys Gly Glu Phe Cys Leu Tyr Cys
159 85 90 95
162 Asp Lys Asp Lys Gly Gln Ser His Pro Ser Leu Gln Leu Lys Lys Glu
163 100 105 110
166 Lys Leu Met Lys Leu Ala Ala Gln Lys Glu Ser Ala Arg Arg Pro Phe
167 115 120 125
170 Ile Phe Tyr Arg Ala Gln Val Gly Ser Trp Asn Met Leu Glu Ser Ala

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198      20      25      30
201 Asp Trp Ser Ile Asp Ile Lys Lys Tyr Gln Val Leu Val Gly Glu Pro
202      35      40      45
205 Val Arg Ile Lys Cys Ala Leu Phe Tyr Gly Tyr Ile Arg Thr Asn Tyr
206      50      55      60
209 Ser Leu Ala Gln Ser Ala Gly Leu Ser Leu Met Trp Tyr Lys Ser Ser
210 65      70      75      80
213 Gly Pro Gly Asp Phe Glu Glu Pro Ile Ala Phe Asp Gly Ser Arg Met
214      85      90      95
217 Ser Lys Glu Glu Asp Ser Ile Trp Phe Arg Pro Thr Leu Leu Gln Asp
218      100      105      110
221 Ser Gly Leu Tyr Ala Cys Val Ile Arg Asn Ser Thr Tyr Cys Met Lys
222      115      120      125
225 Val Ser Ile Ser Leu Thr Val Gly Glu Asn Asp Thr Gly Leu Cys Tyr
226      130      135      140
229 Asn Ser Lys Met Lys Tyr Phe Glu Lys Ala Glu Leu Ser Lys Ser Lys
230 145      150      155      160
233 Glu Ile Ser Cys Arg Asp Ile Glu Asp Phe Leu Leu Pro Thr Arg Glu
234      165      170      175
237 Pro Glu Ile Leu Trp Tyr Lys Glu Cys Arg Thr Lys Thr Trp Arg Pro
238      180      185      190
241 Ser Ile Val Phe Lys Arg Asp Thr Leu Leu Ile Arg Glu Val Arg Glu
242      195      200      205
245 Asp Asp Ile Gly Asn Tyr Thr Cys Glu Leu Lys Tyr Gly Gly Phe Val
246      210      215      220
249 Val Arg Arg Thr Thr Glu Leu Thr Val Thr Ala Pro Leu Thr Asp Lys
250 225      230      235      240
253 Pro Pro Lys Leu Leu Tyr Pro Met Glu Ser Lys Leu Thr Ile Gln Glu
254      245      250      255
257 Thr Gln Leu Gly Asp Ser Ala Asn Leu Thr Cys Arg Ala Phe Phe Gly
258      260      265      270
261 Tyr Ser Gly Asp Val Ser Pro Leu Ile Tyr Trp Met Lys Gly Glu Lys
262      275      280      285
265 Phe Ile Glu Asp Leu Asp Glu Asn Arg Val Trp Glu Ser Asp Ile Arg

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270	305	310	315
273	Val Asp Ser Val Glu Glu Gly Asp Leu Gly Asn Tyr Ser Cys Tyr Val		
274		325	330
277	Glu Asn Gly Asn Gly Arg Arg His Ala Ser Val Leu Leu His Lys Arg		
278		340	345
281	Glu Leu Met Tyr Thr Val Glu Leu Ala Gly Gly Leu Gly Ala Ile Leu		
282		355	360
285	Leu Leu Leu Val Cys Leu Val Thr Ile Tyr Lys Cys Tyr Lys Ile Glu		
286		370	375
289	Ile Met Leu Phe Tyr Arg Asn His Phe Gly Ala Glu Glu Leu Asp Gly		
290	385	390	395
293	Asp Asn Lys Asp Tyr Asp Ala Tyr Leu Ser Tyr Thr Lys Val Asp Pro		
294		405	410
297	Asp Gln Trp Asn Gln Glu Thr Gly Glu Glu Glu Arg Phe Ala Leu Glu		
298		420	425
301	Ile Leu Pro Asp Met Leu Glu Lys His Tyr Gly Tyr Lys Leu Phe Ile		
302		435	440
305	Pro Asp Arg Asp Leu Ile Pro Thr Gly Thr Tyr Ile Glu Asp Val Ala		
306		450	455
309	Arg Cys Val Asp Gln Ser Lys Arg Leu Ile Ile Val Met Thr Pro Asn		
310	465	470	475
313	Tyr Val Val Arg Arg Gly Trp Ser Ile Phe Glu Leu Glu Thr Arg Leu		
314		485	490
317	Arg Asn Met Leu Val Thr Gly Glu Ile Lys Val Ile Leu Ile Glu Cys		
318		500	505
321	Ser Glu Leu Arg Gly Ile Met Asn Tyr Gln Glu Val Glu Ala Leu Lys		
322		515	520
325	His Thr Ile Lys Leu Leu Thr Val Ile Lys Trp His Gly Pro Lys Cys		
326		530	535
329	Asn Lys Leu Asn Ser Lys Phe Trp Lys Arg Leu Gln Tyr Glu Met Pro		
330	545	550	555
333	Phe Lys Arg Ile Glu Pro Ile Thr His Glu Gln Ala Leu Asp Val Ser		
334		565	570
337	Glu Gln Gly Pro Phe Gly Glu Leu Gln Thr Val Ser Ala Ile Ser Met		
338		580	585
341	Ala Ala Ala Thr Ser Thr Ala Leu Ala Thr Ala His Pro Asp Leu Arg		
342		595	600
345	Ser Thr Phe His Asn Thr Tyr His Ser Gln Met Arg Gln Lys His Tyr		
346		610	615
349	Tyr Arg Ser Tyr Glu Tyr Asp Val Pro Pro Thr Gly Thr Leu Pro Leu		
350	625	630	635
353	Thr Ser Ile Gly Asn Gln His Thr Tyr Cys Asn Ile Pro Met Thr Leu		
354		645	650
357	Ile Asn Gly Gln Arg Pro Gln Thr Lys Ser Ser Arg Glu Gln Asn Pro		
358		660	665
361	Asp Glu Ala His Thr Asn Ser Ala Ile Leu Pro Leu Leu Pro Arg Glu		
362		675	680
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379 cccaccatga attttgttca cacaagtcca aagggtgaaga acttaaaccg gaagaaattc      180
381 agcattcatg accaggatca caaagtactg gtccctggact ctgggaatct catagcagtt      240
383 ccagataaaa actacatacg cccagagatc ttctttgcat tagcctcatc cttgagctca      300
385 gcctctgcgg agaaaggaag tccgattctc ctgggggtct ctaaagggga gttttgtctc      360
387 tactgtgaca aggataaagg acaaagtcac ccatcccttc agctgaagaa ggagaaactg      420
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393 tgcaattgta atgagcctgt tgggtgaca gataaatttg agaacaggaa acacattgaa      600
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400 <212> TYPE: DNA
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418 ggctcctgga acatgctgga gtcggcggt caccctcgat gggtcatctg cacctcctgc      480
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435 tctgcgagga aaggaagtcc gattctcctg ggggtctcta aaggggagtt ttgtctctac      180
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443 aattgtaatg agcctgttgg ggtgacagat aaatttgaga acaggaaaca cattgaattt      420
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449 <211> LENGTH: 218
450 <212> TYPE: PRT

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/876,790

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date